

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problems Mailbox.**

1/5/4

DIALOG(R) File 351:DERWENT WPI
(c)1998 Derwent Info Ltd. All rts. reserv.

007887095 **Image available**

WPI Acc No: 89-152207/198921

XRPX Acc No: N89-116180

Remote control device for adjustable twin beds - has auxiliary switch
button allowing remote control commands to be switched to either bed
Patent Assignee: PREH-WERKE GMBH (PREI); PREH-WERKE GMBH (PREI); PREH

ELEKTRO FEINMECHANIK (PREI)

Inventor: RUTTIGER A; RUETTIGER A

Number of Countries: 008 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
EP 316643	A	19890524	EP 88118044	A	19881029		198921 B
DE 3738532	A	19890524	DE 3738532	A	19871113		198922
US 4992784	A	19910212	US 88268700	A	19881108		199109
DE 3738532	C	19910425					199117
EP 316643	B1	19930203	EP 88118044	A	19881029	G08C-025/00	199305

Priority Applications (No Type Date): DE 3738532 A 19871113

Cited Patents: 1.Jnl.Ref; A3...9010; DE 3109166; DE 3119876; No-SR.Pub; US
3711664; DE 3199876

Patent Details:

Patent	Kind	Lan	Pg	Filing	Notes	Application	Patent
--------	------	-----	----	--------	-------	-------------	--------

EP 316643	A	G	7				
-----------	---	---	---	--	--	--	--

Designated States (Regional): CH FR GB IT LI SE

EP 316643	B1	G	9				
-----------	----	---	---	--	--	--	--

Designated States (Regional): CH FR GB IT LI SE

Abstract (Basic): EP 316643 A

The remote control device has a switch button (3) operated to select the remote control channel for one or other bed, when the remote control receivers associated with the latter use different reception frequencies. Each remote control device, for each bed normally operates with the same remote control channel, the switch button (3) operated to allow the remote control functions provided by the remote control buttons to be supplied to the remote control receiver for the opposite bed, only as long as the switch button (3) is operated. Both IR remote control devices include an IC (SAA3004) to which there are connected an oscillator (4) and a matrix (5) for operating the control buttons. At the output of the IC there is an IR transmitter (6).

Pref. the switch button (3) forms part of a voltage divider parallel to the emitter/collector path of a switching transistor (T) for selecting the remote control channel.

ADVANTAGE - Allows adjustment of partners bed only when required.

2/3

Title Terms: REMOTE; CONTROL; DEVICE; ADJUST; TWIN; BED; AUXILIARY; SWITCH;
BUTTON; ALLOW; REMOTE; CONTROL; COMMAND; SWITCH; BED

Derwent Class: P26; W05; X27

International Patent Class-(Main): G08C-025/00

International Patent Class (Additional): A47C-017/86; A47C-020/04;

G08C-017/00; H03J-009/00; H04Q-001/00; H04Q-009/08

File Segment: EPI; EngPI

9



Europäisches Patentamt
European Patent Office
Office européen des brevets

Veröffentlichungsnummer:

0 316 643
A2

12

EUROPÄISCHE PATENTANMELDUNG

Anmeldenummer: 88118044.2

Int. Cl.⁴ G08C 25/00

Anmeldetag: 29.10.88

Priorität: 13.11.87 DE 3738532

Veröffentlichungstag der Anmeldung:
24.05.89 Patentblatt 89/21

Benannte Vertragsstaaten:
CH FR GB IT LI SE

Anmelder: Preh-Werke GmbH & Co. KG
Postfach 1740 An der Stadthalle
D-8740 Bad Neustadt/Saale(DE)

Erfinder: Rüttiger, Anton
Ellerweg 11
D-8789 Wildflecken(DE)

Fernbedienungseinrichtung.

Für zwei gleiche, je für sich fernverstellbare Vorrichtungen, beispielsweise Betten eines Raumes, wird eine Fernbedienungseinrichtung vorgeschlagen. Im Regelfall steuert jeder Bediener mit seinem Fernbedienungssender die Funktionen seiner Vorrichtung und nur im Bedarfsfall die Funktionen der Vorrichtung des Partners. Eine irrtümliche Betätigung der Vorrichtung des Partners soll weitestgehend ausgeschlossen sein. Es ist hierfür in beiden Fernbedienungssendern je ein Tastschalter vorgesehen. Wenn und solange der Tastschalter des einen Senders betätigt ist, steuert er die Funktionen des Empfängers des Partners.

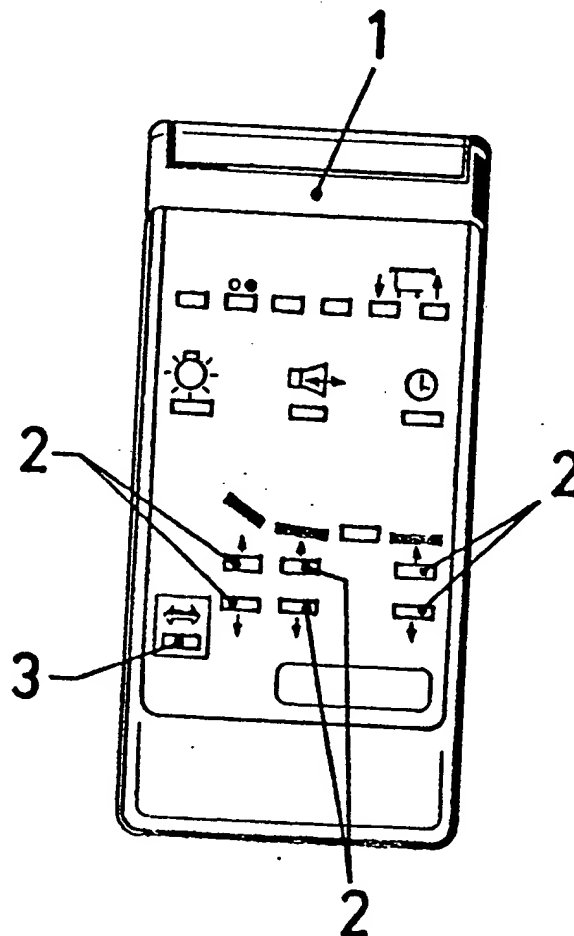


Fig. 1

EP 0 316 643 A2

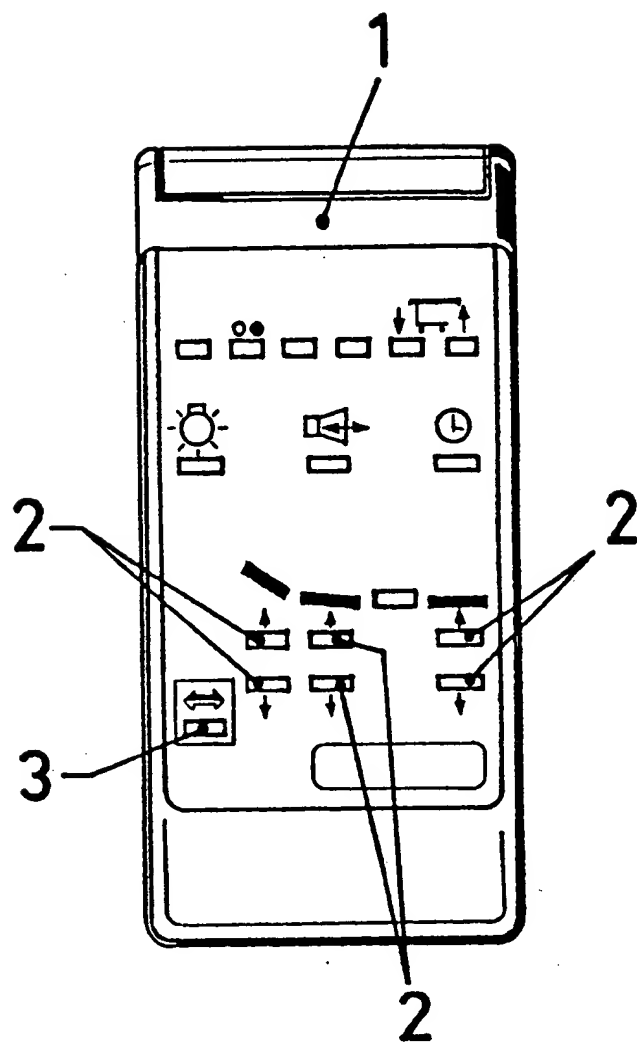


Fig. 1

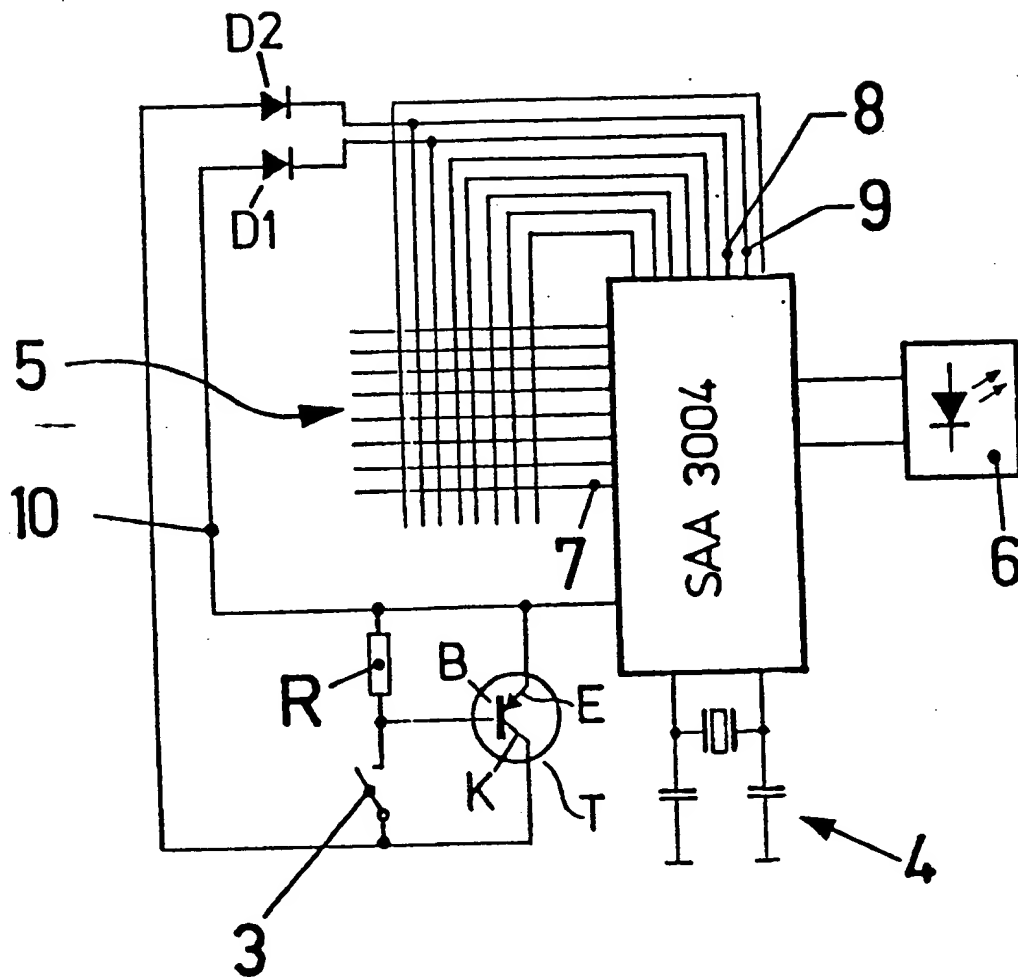


Fig: 2

